

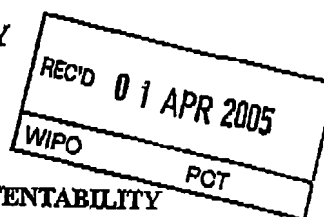
Translation

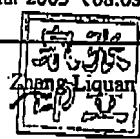
PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)



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|---|---|---|--|
| Applicant's or agent's file reference P3324/WDM | | FOR FURTHER ACTION See Form PCT/IPEA/416 | |
| International application No. PCT/CN03/00802 | International filing date (day/month/year) 22. Sep 2003(22.09.03) | Priority date (day/month/year) 20. Sep 2002(20.09.02) | |
| International Patent Classification (IPC) or national classification and IPC IPC⁷ B25B 31/12, 51/02 | | | |
| Applicant SHANDONG WEIDA MACHINERY CO., LTD et al. | | | |
| <p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>5</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____ containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p> | | | |
| <p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input checked="" type="checkbox"/> Box No. VI Certain documents cited</p> <p><input checked="" type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p> | | | |
| Date of submission of the demand 26.Mar 2004 (26.03.04) | | Date of completion of this report 08.Mar 2005 (08.03.05) | |
| Name and mailing address of the IPEA/ CN | | Authorized officer  | |
| Facsimile No. | | Telephone No. 86-10-62085461 | |

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/CN03/00802

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____ which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
- ☐ publication of the international application (under Rule 12.4)
- ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☒ the international application as originally filed/furnished
- ☐ the description:
- pages _____ as originally filed/furnished
- pages _____ received by this Authority on _____
- pages _____ received by this Authority on _____
- ☐ the claims:
- pages _____ as originally filed/furnished
- pages _____ as amended (together with any statement) under Article 19
- pages _____ received by this Authority on _____
- pages _____ received by this Authority on _____
- ☐ the drawings:
- pages _____ as originally filed/furnished
- pages _____ received by this Authority on _____
- pages _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
- * If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/CN03/00802Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

1. Statement:

| | | |
|-------------------------------|-------------|-----|
| Novelty (N) | Claims 1-9 | YES |
| | Claims None | NO |
| Inventive step (IS) | Claims 1-9 | YES |
| | Claims None | NO |
| Industrial applicability (IA) | Claims 1-9 | YES |
| | Claims None | NO |

2. Citations and explanations (Rule 70.7)

The Documents cited in the International Search Report disclose parts of the art scheme of the invention, respectively; but the closest prior art is represented by document CN2376354.

Because except for some basic components thereof, the prior art does not teach or fairly suggest that the feature of "A plurality of elastic impact members are mounted between said nut sleeve and rear sleeve. Said elastic impact members are provided with a plurality of elastic deformation portions and a plurality of projecting keys." as recited in claim 1. The teaching of the prior art as disclosed in the cited documents does not lead a skilled person to the invention, therefore, the invention defined in the claims is not obvious to a person skilled in the art. The invention according to claims 1-9 is thus novel and is considered to involve an inventive step. So claims 1-9 meet the requirements of PCT Art. 33(2)-(3).

Because the subject matter of claims 1-9 involve industrial applicability, claims 1-9 meet the requirements of PCT Art. 33(4), indeed.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/CN03/00802

Box No. VI Certain documents cited

1. Certain published documents (Rule 70.10)

| Application No. Patent No. | Publication date (day/month/year) | Filing date (day/month/year) | Priority date (valid claim) (day/month/year) |
|-------------------------------|--------------------------------------|---------------------------------|---|
| CN2376354Y | 03-05-00 | 30-06-99 | None |

2. Non-written disclosures (Rule 70.9)

| Kind of non-written disclosure | Date of non-written disclosure (day/month/year) | Date of written disclosure referring to non-written disclosure (day/month/year) |
|--------------------------------|--|---|
| | | |

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/CN03/00802

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

A paragraph content (see Page 3, lines 11-13, of Description) which is not related to the subject of the present invention at all is made at the beginning of the "Best Mode of Carrying out the Invention" part of the present invention. Therefore, it is not in conformity with the requirement of PCT Rule 5.1(a)(V).